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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/733,532
				Filing Date	December 11, 2003
				First Named Inventor	Julian Edward SALE
				Art Unit	1636
				Examiner Name	Daniel M. Sullivan
Sheet	1	Of	13	Attorney Docket Number	33547-731.302

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/D.S./	1.	US-5,750,335	05-12-1998	Gifford	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/D.S./	2.	WO-1995-12689 A1	05-11-1995	Gene Check Inc.		
/D.S./	3.	WO-1993-12228 A1	06-24-1993	Pasteur Institut		

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/D.S./	4.	ADETUGBO, K. et al., "Molecular analysis of spontaneous somatic mutants," Nature 265:299-304 (1977)	
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				Filing Date	December 11, 2003
				First Named Inventor	Julian Edward SALE
				Art Unit	1636
				Examiner Name	Daniel M. Sullivan
Sheet	9	Of	13	Attorney Docket Number	33547-731.302

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/733,532
				Filing Date	December 11, 2003
				First Named Inventor	Julian Edward SALE
				Art Unit	1636
				Examiner Name	Daniel M. Sullivan
Sheet	3	Of	4	Attorney Docket Number	33547-731,302

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite. No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶	
/D.S./	15.	McINTOSH, R. et al., "Somatic hypermutation in autoimmune thyroid disease," Immunological Reviews 162:219-231 (1998)		
↓	16.	NEUBERGER, M. et al., "Monitoring and interpreting the intrinsic features of somatic hypermutation," Immunological Reviews 162:107-116 (1998)		
	17.	NG, V. and McGRATH, M., "The immunology of AIDS-associated lymphomas," Immunological Reviews 162:293-298 (1998)		
	18.	SONG, H. et al., "Antibody feedback and somatic mutation in B cells: regulation of mutation by immune complexes with IgG antibody," Immunological Reviews 162:211-218 (1998)		
	19.	STEVENSON, F. et al., "Insight into the origin and clonal history of B-cell tumors as revealed by analysis of immunoglobulin variable region genes," Immunological Reviews 162:247-259 (1998)		
↓	20.	STORB, U., "Progress in understanding the mechanism and consequences of somatic hypermutation," Immunological Reviews 162:5-11 (1998)		
/D.S./	21.	SLORB et al., "Cis-acting sequences that affect somatic hypermutation of Ig genes," Immunological Reviews 162:153-160 (1998)		

Examiner Signature		Date Considered	
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Sheet	4	Of	4	Attorney Docket Number	33547-731.302

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/D.S./	22.	WIENS, G. et al., "Harmful somatic mutations: lessons from the dark side," Immunological Reviews 162:197-209 (1998)	
↓	23.	WILSON, P. et al., "Amino acid insertions and deletions contribute to diversify the human Ig repertoire," Immunological Reviews 162:143-151 (1998)	
	24.	WINTER, D. and GEARHART, P., "Dual enigma of somatic hypermutation of immunoglobulin variable genes: targeting and mechanism," Immunological Reviews 162:89-96 (1998)	
	25.	WYSOCKI, L. et al., "Somatic origin of T-cell epitopes within antibody variable regions: significance to monoclonal therapy and genesis of systemic autoimmune disease," Immunological Reviews 162:233-246 (1998)	
	26.	ZHENG, B. et al., "Immunoglobulin gene hypermutation in germinal centers is independent of the RAG-1 V(D)J recominase," Immunological Reviews 162:133-141 (1998)	
/D.S./			

Examiner Signature	/Daniel M Sullivan/	Date Considered	09/25/2007
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USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No. 18396/2002B		Serial No. 10/733532 Not Yet Assigned		
INFORMATION DISCLOSURE STATEMENT				Applicant(s): Sale et al				
				Filing Date: December 11, 2003		Group: 1636 Not assigned		
U.S. PATENT DOCUMENTS								
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
DB	1	6,146,894	November 14, 2000	Nicolaides et al	435	440	April 14, 1998	
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO
DB	2	WO 00/22111	April 20, 2000	PCT	C12N	15/10		X
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
DB	3	Mage, Diversification of a Rabbit V _H Genes by Gene-Conversion-Like and Hypermutation Mechanisms, <i>Immunological Review</i> , vol.162, April 1998, pages 49-54						
DB	4	International Search Report PCT/GB02/02688 (2003)						
EXAMINER					DATE CONSIDERED			
A. Lee					11/3/05			
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